Introduction

Welcome to the Bose Modeler software user guide. Modeler is a powerful software tool for designing sound systems and predicting their performance. This user guide serves as both a starting place for new users and a reference for experienced users. The user guide covers the following topics:

- **Section 1: Bose Modeler Software Tutorial**

  The tutorial provides an introduction to the major features of the Modeler software interface and introduces some of the basic functions of Modeler software. You will model a simple room, learn some additional modeling concepts, place listeners and loudspeakers, and predict sound system performance.

- **Section 2: Modeling**

  Section 2 guides you through the creation of a room model from start to finish. You will learn how to use constraint planes and special features in Modeler software that aid in placing vertices.

- **Section 3: Designing with Bose Modeler Software**

  Section 3 covers topics that you will use when designing sound systems using Modeler software. Topics include the project structure, and how to work with listener locations and loudspeakers. This section also covers how to apply the $D^2R\Delta STIc$ process when designing a sound system, and how to create a professional report or proposal.

- **Section 4: Reference**

  The reference section contains detailed information on the windows, menus, and toolbars in the graphical user interface. Also included are definitions of terms used in this guide.

System requirements

The minimum system requirements for running Bose Modeler software are:

- Microsoft Windows XP Professional, Service Pack 2 (or later).
- Microsoft Windows Vista (Business, Home, Premium, or Ultimate editions. **VISTA CLASSIC THEME ONLY**).

Note: Modeler 6.5 is compatible in Vista Classic theme. If you have Vista installed on your machine, the default theme is Windows Vista. To change this setting, simply right-click on your desktop and select Personalize. Click on Theme, and select Vista Classic. Click Apply or OK to finalize the change - you will not be required to reboot. To change the theme again, simply perform the same set of procedures and select your desired theme.

- 1GHz 32-bit (x86) or 64-bit (x64 processor) or better.
- 512 MB of RAM available (2GB of RAM recommended).
- 150 MB of disk space available (1GB recommended).
- CD-ROM Drive.
- 1024 x 768 32 bit XGA color video display adapter.
- 2 USB ports available: one for copy protection key and one for a scroll-wheel mouse.

It is highly recommended that you use a scroll-wheel mouse with Modeler software.

Note: You must have administrative rights on your computer to install Bose Modeler software. Administrative rights are not required to run Modeler software after installation.

Registration

Before you install Modeler software, you must register with Bose Professional Systems. Navigate your web browser to:

http://pro.bose.com/modeler

Click on **Software Registration** and fill out the necessary information.

Note: After submitting your registration, you will be given a serial number that you will need to install Modeler software. Please keep this serial number in a safe place in case you need to reinstall the application. You may want to note it here below.

Serial Number: .....

Installing Modeler software

Follow these steps to install Modeler software:

1. Insert the Bose Modeler 6.5 software CD into a CD-ROM drive.
2. The installer will launch automatically.

Note: If it fails to launch within one minute, then open Windows Explorer and navigate to the CD directory.

Double-click on the file named "Install.exe".
The installer opens.

3. You should now see Figure 1.1.

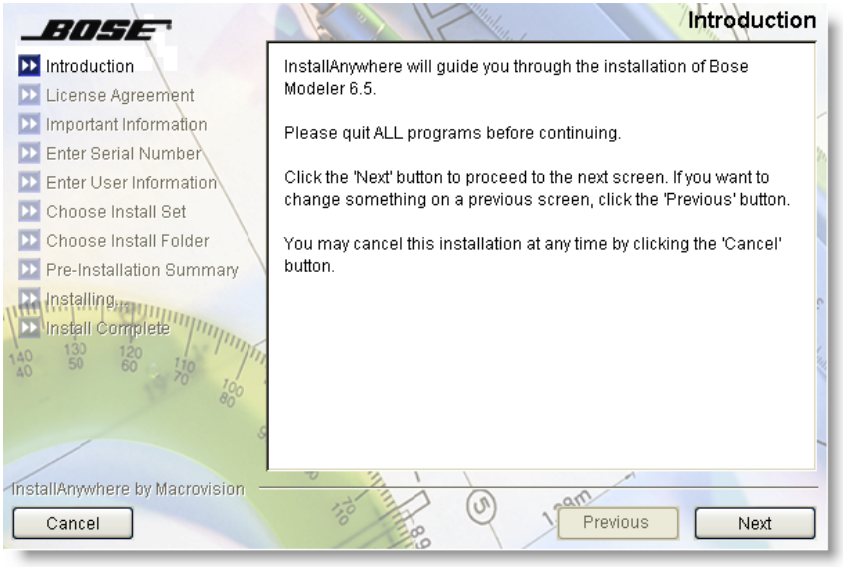
BOSE
Introduction
Introduction
License Agreement
Important Information
Enter Serial Number
Enter User Information
Choose Install Set
Choose Install Folder
Pre-Installation Summary
Installing...
Install Complete
InstallAnywhere will guide you through the installation of Bose Modeler 6.5.
Please quit ALL programs before continuing.
Click the 'Next' button to proceed to the next screen. If you want to change something on a previous screen, click the 'Previous' button.
You may cancel this installation at any time by clicking the 'Cancel' button.
InstallAnywhere by Macrovision
Cancel
Previous
Next

Figure 1.1 - Introduction installer window

4. Click **Next** to begin the installation process.
5. A warning window appears stating that you must have administrative rights to continue. If and when you do, click **OK** to continue.
6. In the License Agreement, please read the License Agreement, then click to accept the terms of the License Agreement. Click **Next**.

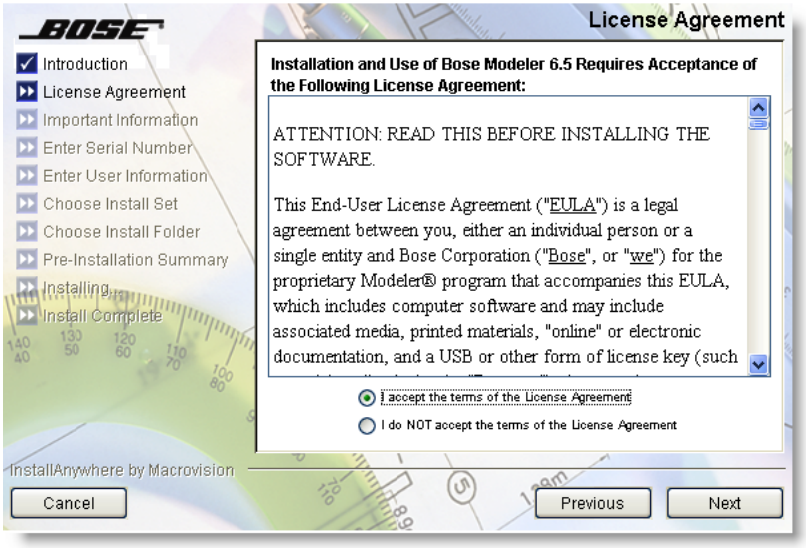
BOSE
License Agreement
Introduction
License Agreement
Important Information
Enter Serial Number
Enter User Information
Choose Install Set
Choose Install Folder
Pre-Installation Summary
Installing...
Install Complete
Installation and Use of Bose Modeler 6.5 Requires Acceptance of the Following License Agreement:
ATTENTION: READ THIS BEFORE INSTALLING THE SOFTWARE.
This End-User License Agreement ("EULA") is a legal agreement between you, either an individual person or a single entity and Bose Corporation ("Bose", or "we") for the proprietary Modeler® program that accompanies this EULA, which includes computer software and may include associated media, printed materials, "online" or electronic documentation, and a USB or other form of license key (such
I accept the terms of the License Agreement
I do NOT accept the terms of the License Agreement
InstallAnywhere by Macrovision
Cancel
Previous
Next

Figure 1.2 - License Agreement

7. Please read the important information as recommended below, then click **Next**:

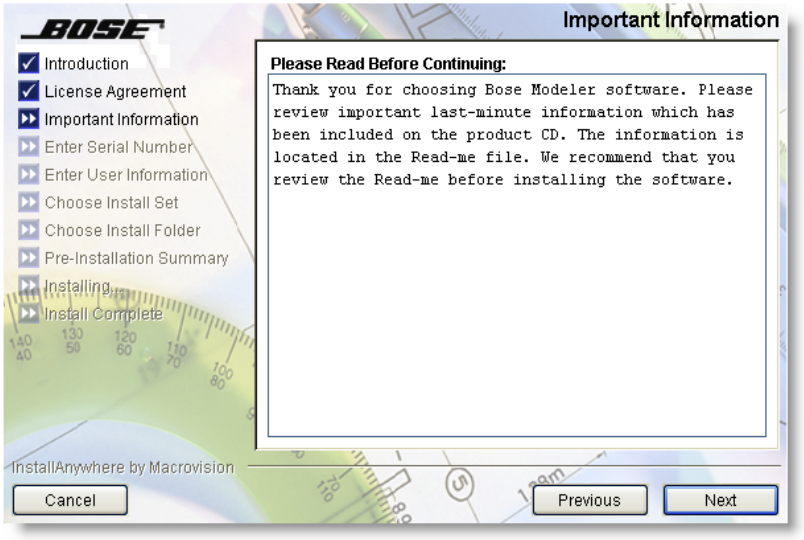
BOSE
Important Information
Introduction
License Agreement
Important Information
Enter Serial Number
Enter User Information
Choose Install Set
Choose Install Folder
Pre-Installation Summary
Installing...
Install Complete
Please Read Before Continuing:
Thank you for choosing Bose Modeler software. Please review important last-minute information which has been included on the product CD. The information is located in the Read-me file. We recommend that you review the Read-me before installing the software.
InstallAnywhere by Macrovision
Cancel
Previous
Next

Figure 1.3 - Important Information notice

8. When prompted, enter the serial number that you received from Bose Professional Systems when registering your software. Click **Next**.

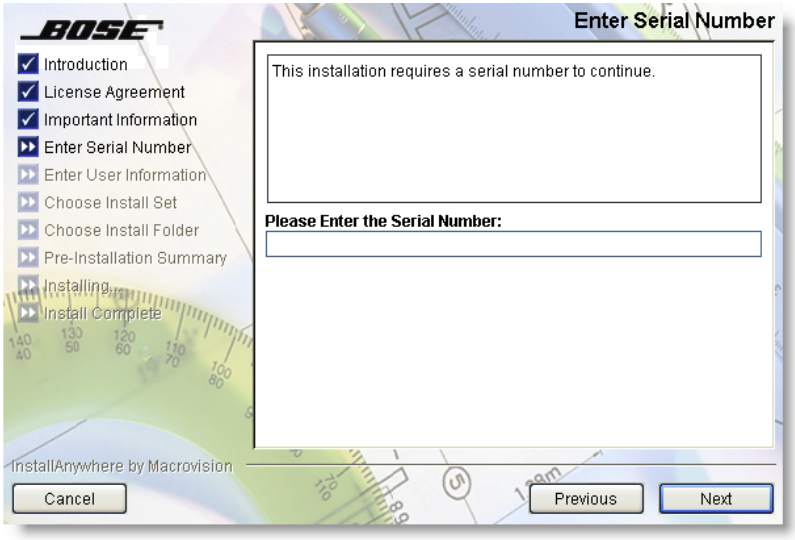

Figure 1.4 - Enter Serial Number

9. Enter your user information. Click **Next**.

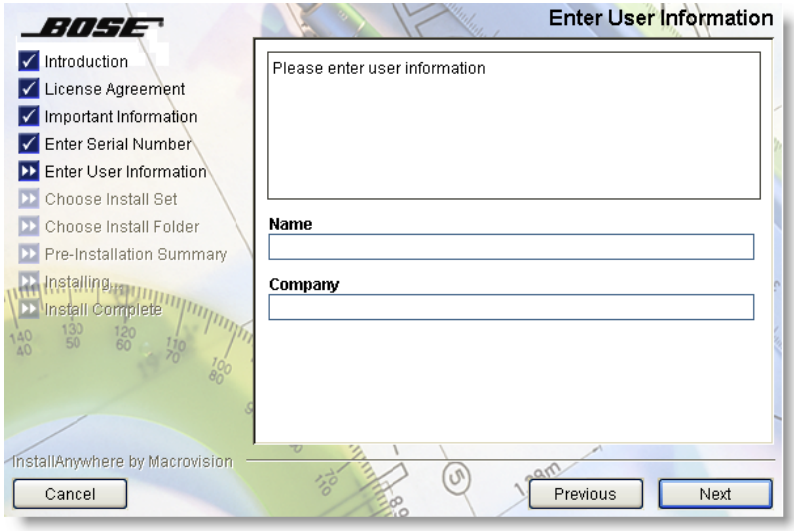

Figure 1.5 - Enter User Information

10. Choose the appropriate Install Set. Click **Next**.

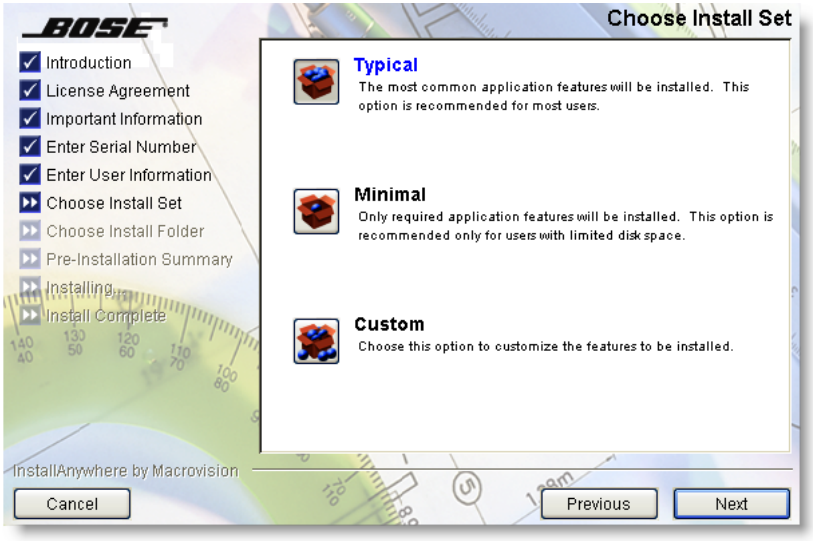

Figure 1.6 - Choose Install Set

11. Choose where you would like to install. Click **Next**.

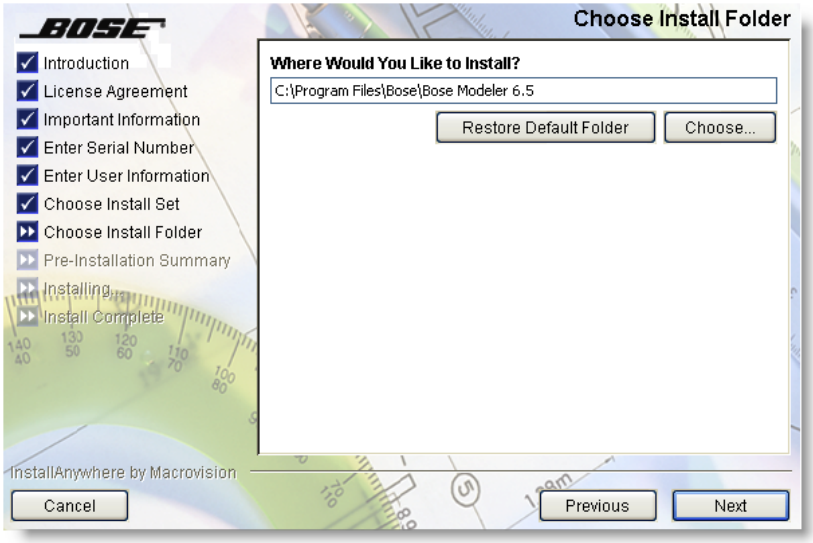

Figure 1.7 - Choose Install Folder

12. Review the Pre-Installation Summary that appears. Click **Install**.

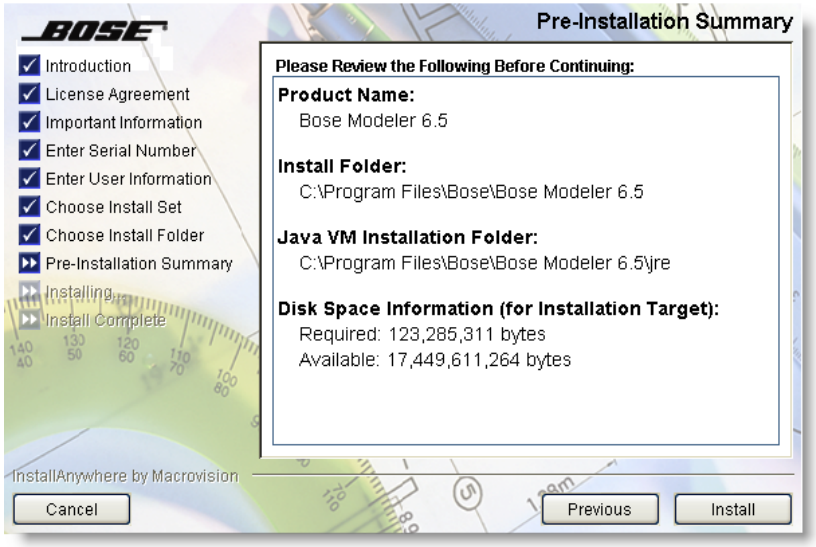

Figure 1.8 - Pre-Installation Summary

This next figure shows the window that appears while installing.

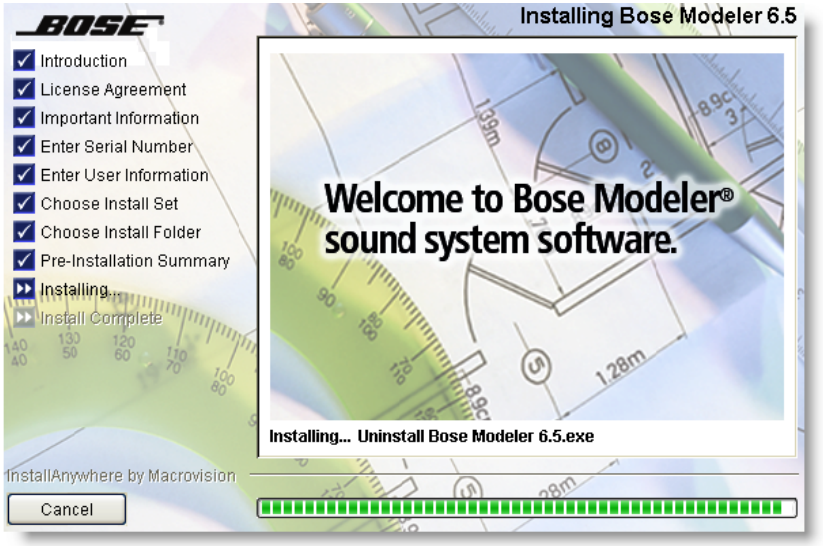

Figure 1.9 - Installing

13. After installation of Modeler software, the driver for the USB hardware key will be installed. Close all applications, then remove your hardware key if you have already inserted it into the USB port. Click **Next**.

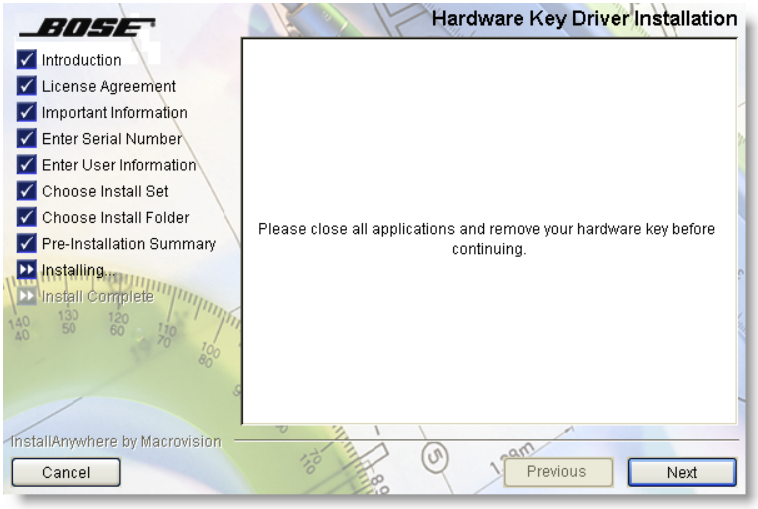

Figure 1.10 - Hardware key driver installation

The below figure shows the window that appears while you are waiting:

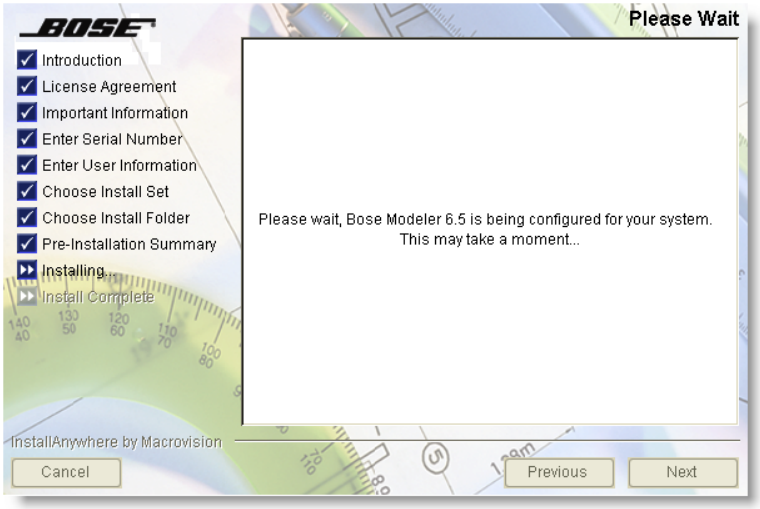

Figure 1.11 - Configuring your system

The screen will automatically be replaced by the **Please Wait** window below:

Figure 1.12 - Please wait

14. The following window will appear. Click **OK** to complete:

Figure 1.13 - Successful completion

15. Click **Done** when the installer is finished:

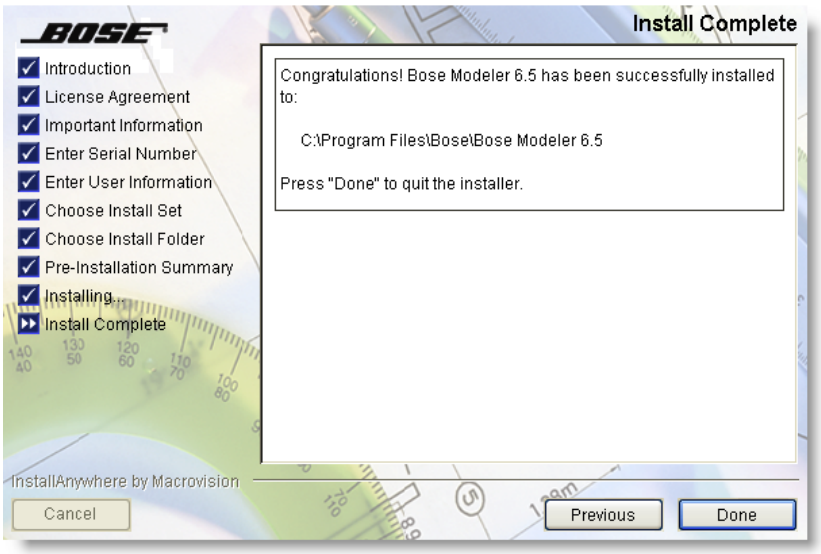

Figure 1.14 - Final installer screen

Launching Modeler software

Follow these steps to launch Modeler software:

Go to **Start > All Programs > Bose Modeler 6.5**, or double-click on the desktop icon.

Hardware key

To run Modeler software, you must insert the supplied USB hardware key into a USB port on your computer. If you try to run Modeler software without the hardware key inserted, you will see the following error:

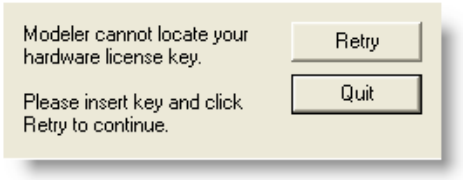

Figure 1.15 - Missing hardware key error

You must insert a valid hardware key and click **Retry**, or quit the application.

Note: Two hardware keys are shipped with the software. These keys have no expiration. If you wish to order more keys, please contact your local Bose sales representative.

Getting help

User guide

This user guide is a comprehensive reference for Bose Modeler 6.5 software. The user guide is provided in Adobe .pdf format on the installation CD, and can also be downloaded from the **http://pro.bose.com/modeler** website.

Help

The help system in Modeler software is a valuable tool for getting help. Go to **Help** > **Contents** in Modeler software (or press **F1**) to launch the HTML-based help system. The tabs in the left-hand window can help you find the information you are looking for.

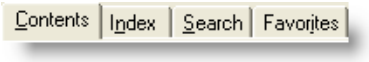

Figure 1.16 - Tabs in the online help system

Contents:	View the full contents of the help system in a tree format. Click on a title to view the document in the right-side window.
Index:	View a list of all index topics. Type a keyword in the box at the top to jump to a topic.
Search:	Perform a text search for the word or phrase that you type.
Favorites:	Use this tab to bookmark a page or section that you use frequently. Click the **Add** button at the bottom of the window to add the current topic to your favorites list.

Note: You must have administrative rights on your machine to be able to view system information.

Keyboard Shortcuts card

Use the Keyboard Shortcuts card to become familiar with the keyboard shortcuts and direct keys that are built into Modeler software. Learning to use these keystrokes will allow you to work more quickly and efficiently. The Keyboard Shortcuts card is shipped with Modeler software.

You also can find the Keyboard Shortcuts card here:

http://pro.bose.com/pdf/pro/manuals/modeler_program/ks_modeler6_5.pdf

Web tab

When you are working in Modeler software while connected to the internet, the **Web** tab in the **Modeling** window is a link to Modeler software information on the Bose Professional Systems website.

*Figure 1.17 - **Web** tab*

pro.bose.com

The Bose Professional Systems website (**http://pro.bose.com**) contains information on all Bose Professional Systems products, including Modeler software, and the loudspeakers used in Modeler software.